



INTERoperability Standards for Unmanned Armed ForCes SysTems (INTERACT)



Under the Preparatory Action on Defence Research (PADR), the grant for the Research Action call on the topic 'Interoperability standards for military unmanned systems' was signed on 31 May 2021. The awarded project, called INTERACT, is led by the Fraunhofer Institut für Optronik, Systemtechnik und Bildauswertung IOSB (Germany). The consortium encompasses a total of 19 participants from 11 countries. The project, which has a duration of 26 months, will receive an EU grant of roughly €1.5 million.

PADR Call US-03-2019 – Information on the awarded project			
Name of the project		INTERoperability Standards for Unmanned Armed ForCes SysTems	
Short name		INTERACT	
Summary of the project			
<p>INTERACT aims to create a basis for a future European interoperability standard for military unmanned systems. It will be achieved by integrating the technical knowledge and operational experience available in Europe on control, monitoring, and application of unmanned systems for the concept definition of a future European cross-industry interoperability standard for military unmanned systems.</p> <p>This standard will allow unmanned assets to be deployed flexible in different configurations, such as singular deployment, in manned-unmanned teaming, in hand over modes or as autonomous swarms, all this independent of organizational or national provenance. For this an INTERACT EXPERT GROUP containing all dominant European manufacturers of unmanned systems (air, ground, surface and underwater) accompanied by a number of leading organisations from all over Europe in specific expert fields will be created. The interchangeability of assets will increase responsiveness and flexibility and hence the warfighting capability of European armed forces, individually and in international joint operations.</p>			
Project duration		26 months	
Starting date		1 June 2021	
Maximum foreseen EU Contribution		€ 1.500.000	
List of participants			
#	Name of the entity	Country	EU Contribution requested by the entity
1	Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V, IOSB	Germany	€ 297.735,29
2	Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek TNO	Netherlands	€ 293.742,47
3	Institute of Communication and Computer Systems	Greece	€ 217.420,42
4	Totalforsvarets Forskningsinstitut, FOI	Sweden	€ 157.707,96
5	Airbus Defence And Space SA	Spain	€ 35.970,44
6	FINCANTIERI NEXTECH S.p.A.	Italy	€ 43.365,78



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7	Societe d'Ingenierie de Recherches et d'Etudes en Hydrodynamique Navale	France	€ 33.670,56
8	INTRACOM SA Defense Electronic Systems	Greece	€ 34.729,63
9	Indra Sistemas SA	Spain	€ 38.590,21
10	Leonardo - Societa per Azioni	Italy	€ 13.527,50
11	MBDA France	France	€ 24.287,05
12	Stichting Nationaal Lucht-en Ruimtevaartlaboratorium, NLR	Netherlands	€ 31.733,03
13	Green Communications SAS	France	€ 40.743,04
14	Safran Electronics & Defense	France	€ 17.307,59
15	Terma A/S	Denmark	€ 44.007,75
16	Thales SA	France	€ 0
17	Baltijos Pazangiu Technologiju Institutas, BPTI	Lithuania	€ 16.526,26
18	Institutul National De Cercetare-Dezvoltare Aerospatiale "Elie Carafoli"- INCAS Bucuresti	Romania	€ 36.325,96
19	PCO SA	Poland	€ 15.684,18

Webpage: <https://www.interact-padr.eu/>

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